

Atty Docket No. 99488-2

U.S. Serial No. 09/667,827
Amendment Under 37 CFR 1.173(b)(2)
for Reissue Application
Response to OA dated Jan. 14, 2005

IN THE CLAIMS:

Please amend the claims as indicated below:

1. (Four Times Amended): A dental implant for insertion in the jaw bone of a patient, comprising:

an elongated body having a longitudinal axis and a proximal surface generally transverse to said longitudinal axis,

a boss extending from said proximal surface, said boss having a transverse face, generally axial extended side surfaces, and a non-round cross section as viewed along said axis,

at least one indentation penetrating [of] said proximal surface of said body and said transverse face of said boss, said at least one indentation being adapted to engage an insertion device or at least one protrusion of a dental prosthesis or an abutment so as to fix the position of the prosthesis or abutment relative to said implant.

16. (Amended): A dental implant for insertion in the jaw bone of a patient, comprising:

an elongated body having a longitudinal axis and an axial hole, said body having [an enlarged] a proximal end that terminates in a proximal surface that is generally transverse to said longitudinal axis,

a recess extending into said proximal surface, said recess having a bottom wall [transverse face] including an opening that communicates with said axial hole, and smooth, generally axial extended side surfaces, and

a plurality of slots penetrating said proximal surface and axially extending [at least] only part way down said side surfaces toward said bottom wall [transverse face], said slots being adapted to engage an insertion device or at least one protrusion of a dental prosthesis or abutment so as to fix the position of the abutment or crown relative to said implant.

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17. (Amended) A dental implant as in claim 16, wherein said body includes an enlarged end [of said elongated body is a flange].

18. (Amended): A dental implant as in claim 16, wherein said recess includes a [bevel] beveled surface.

19. (Amended): A dental implant as in claim [16], wherein said elongated body includes screw threads around its exterior beneath said enlarged end [portion], and a diameter of said enlarged end is greater than a diameter of said screw threads, that substantially covers the exterior of said body

20. (Amended): A dental implant as in claim 16, wherein said recess [is substantially cylindrical in shape] has curved side surfaces.

Please add the following new claims:

26. A dental implant as in claim 16, wherein said slots have flat sides that intersect in substantially right angles.

27. A dental implant as in claim 19, wherein said enlarged end includes a circular flange.

28. A dental implant as in claim 16, wherein said bottom wall of said recess is substantially planar.

29. A dental implant as in claim 16, wherein said axial hole is threaded.